Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
Data File : BM013420.D
Acq On : 15 Dec 2017 02:27
Operator : SJ/JU
Sample : I6775-15 30X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50

Manual Integrations APPROVED
Sohil
12/15/2017 6:48:50 PM

Quant Time: Dec 15 13:23:38 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 05:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	220470	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	926900	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	524983	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1100151	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	857596	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	806597	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	280	0.06	ng/uL	0.00
5) Phenol-d5	6.86	99	9151	0.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	6553	0.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	7719	0.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	7934	0.49	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	4778	0.65	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	3866	0.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	6854	0.42	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.73	166	28959	0.62	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	32391	0.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	2970m	0.37	ng/ul	0.02
57) Fluorene-d10	15.32	176	26416	0.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	2443	0.35	ng/ul	0.00
70) Anthracene-d10	17.16	188	40396	0.73	ng/ul	0.00
76) Pyrene-d10	19.46	212	35582	0.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	25149	0.61	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.50	128	200408	4.202	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	62760	1.751	ng/ul	93
47) Acenaphthylene	14.04	152	318354	5.967	ng/ul	98
49) Acenaphthene	14.38	153	226807	6.241	ng/ul	96
53) Dibenzofuran	14.72	168	197276	3.677	ng/ul	100
58) Fluorene	15.37	166	133190	3.001	ng/ul	98
68) Pentachlorophenol	16.72	266	90558	10.978	ng/ul	96
69) Phenanthrene	17.11	178	1454635	23.274	ng/ul	99
71) Anthracene	17.20	178	1262213	19.757	ng/ul	98
72) Carbazole	17.47	167	220528	4.013	ng/ul	99
74) Fluoranthene	19.13	202	2829147	36.937	ng/ul#	94
77) Pyrene	19.50	202	3310013	63.530	ng/ul#	94
80) Benzo(a)anthracene	21.24	228	2291864	42.120	ng/ul	98
82) Chrysene	21.30	228	3153180	62.463	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	6335118	116.510	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1876078m	36.664	ng/ul	
88) Benzo(a)pyrene	23.40	252	2785481	57.028	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1782616	36.782	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	481942	11.679	ng/ul#	92
91) Benzo(g,h,i)perylene	26.40	276	1320845	34.552	ng/ul#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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